



STATE OF MAINE  
DEPARTMENT OF DEFENSE, VETERANS AND EMERGENCY MANAGEMENT  
MAINE EMERGENCY MANAGEMENT AGENCY  
72 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0072

PHONE: 207-624-4400/800-452-8735  
FAX: 207-287-3178



BRUCE FITZGERALD  
DIRECTOR

## Chemistry for Emergency Response (RO233)



This 10-day course is designed to prepare the responder to function safely at the scene of a hazardous materials incident by understanding the potential hazards. This is accomplished by gaining recognition of chemical nomenclature and basic principles of chemistry in order to assess risks to responders and the public. The course seeks to convey to first responders or prevention personnel a sound understanding of the basic chemistry of hazardous materials to permit them to correctly assess the threat posed by hazardous materials incidents that may occur accidentally or intentionally.

Problem-solving sessions and interactive discussion cover topics such as salts and inorganic non salts, hydrocarbons, hydrocarbon derivatives and hydrocarbon radicals. Applying the science of chemistry to thermodynamics, volatility and combustion provides real-world opportunities. An understanding of basic chemistry is helpful to receive maximum benefit from the course.

**Prerequisites** - Incident Command System (ICS)-100-level and ICS-200-level training. Preferred courses are Q0462 and Q0463, available through NFA Online at [www.usfa.fema.gov/training/nfa/courses/online.html](http://www.usfa.fema.gov/training/nfa/courses/online.html). Chief's signature attests that the applicant has completed this required training.

SMCC will give 3 fire science credits to any candidate that successfully completes this CER program.

This training is being done in conjunction with Maine Fire Service Institute and will be offered on the following date, time, and location. Please take advantage of this **FREE** training and register early or **at least 5 business days** prior to the scheduled date. **Lunch will be provided each day!**

Lodging may be available for Maine attendees if they reside more than 50 miles away. If needed, please indicate when you apply.

Class starts at 0800 at the following location and date shown below.

**January 9<sup>th</sup> – January 20<sup>th</sup> at the CST Building, 1 Armory Road, Waterville, ME**

Name: \_\_\_\_\_

Agency/Company: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Email, Fax, or Mail Registrations to:  
Maine Emergency Management Agency  
72 State House Station  
Augusta, ME 04333-0072  
Phone: 207-624-4400 or 800-452-8735  
Fax: 207-287-3178  
Email: [maine.serc@maine.gov](mailto:maine.serc@maine.gov)

**FAX REGISTRATION TO 207-287-3178**